G Rupa

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Driven cybersecurity student with a strong foundation in **Java**, backend development, and a growing expertise in secure software practices. Hands-on experience from internships and projects, focusing on areas like **vulnerability analysis, threat mitigation, and secure coding principles**. Active member of Google Developer Student Clubs (GDSC), committed to staying at the forefront of cybersecurity advancements. Eager to contribute technical skills and cybersecurity knowledge to safeguard systems and support organizational security goals in a challenging cybersecurity role

Technical Skills

Languages	:	C ,Python, Java, Node.js
Frontend	:	HTML, CSS,JavaScript
Database	:	SQL,MongoDB
Cybersecurity	:	Vulnerability Assessment, Threat Analysis, Cryptography, Networking, Digital Forensics
Tools	:	Intellij IDEA, Git, GitHub
Soft Skills	:	Problem Solving, Critical Thinking, Team Collaboration, Effective Communication

Experience

Cybersecurity Intern — Apr 2024 – June 2024
Center for Cybersecurity Studies and Research — *Online – Jaipur, Rajasthan, India*

- Gained practical knowledge in identifying threats, analyzing vulnerabilities, and responding to security incidents.

Education

Sri Venkateswara Engineering College — Tirupati, Andhra Pradesh, India
Bachelor of Science in Computer Science(Cybersecurity) - CGPA: 8.8 — *Nov 2021 – May 2025*

APSWRS Junior college — Madanapalle, Andhra Pradesh, India
MPC - CGPA: 9.3 — *June 2019 – June 2021*

APSWR School — Madanapalle, Andhra Pradesh, India
CGPA: 9.7 — *June 2018 – June 2019*

Projects

Blockchain-Powered File Integrity and Anti-Tampering Solution *Technologies used : Node.js, web3.js, Ethereum,*

- Designed and implemented a data integrity verification system leveraging blockchain technology for tamper detection and file verification.
- Developed functionality to generate and securely store cryptographic hashes of files on an immutable blockchain ledger.
- Enabled file authenticity verification by comparing re-hashed file data with blockchain-stored hashes to detect unauthorized modifications.
- Enhanced cybersecurity by providing a decentralized, transparent method for ransomware attack detection and unauthorized file tampering prevention.

CERTIFICATIONS

- Java Full Stack Developer from Wipro
- Google Cybersecurity Professional Certificate
- Google Generative AI
- Cybersecurity and Privacy from NPTEL